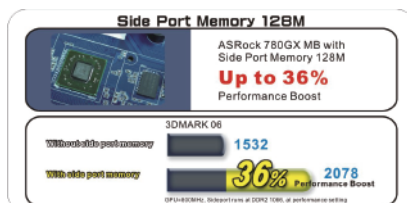
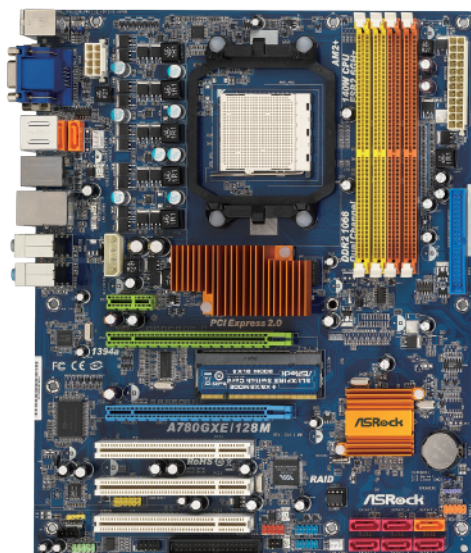


A780GXE/128M

AMD 780G + SB700 Chipsets

ASRock
www.asrock.com



Product Brief <<<

- Support for Socket AM2+ / AM2 processors: **AMD Phenom™ FX / Phenom** / Athlon 64 FX / Athlon 64 X2 Dual-Core / Athlon X2 Dual-Core / Athlon 64 / Sempron processor
- **Supports CPU up to 140W**
- **Solid Capacitor for CPU power**
- **ASRock DuraCap** (2.5 x longer life time)
- **Supports Hyper-Transport 3.0 (HT 3.0) Technology**
- **FSB 2600 MHz** (5.2 GT/s)
- Supports Dual Channel **DDR2 1066** with AM2+ CPU, and DDR2 800/667/533 with AM2 CPU, with 4 DIMM slots, maximum capacity up to 8GB
- Integrated **AMD Radeon HD 3200 graphics, DX10 class iGPU, Pixel Shader 4.0, Max. shared memory 512MB**
- Supports **ATI™ CrossFire™** and **Hybrid CrossFireX™**
- Integrated **128MB side port memory** for iGPU (**36% performance Boost**)
- **2 x PCI Express 2.0** x16 slots (green @ x16 mode, blue @ x8 mode)
- **6 x SATAII 3.0 Gb/s** connectors, support RAID (RAID 0, RAID 1, RAID 10 and JBOD), NCQ, AHCI and Hot Plug functions
- Supports 2 x **IEEE1394** ports
- **PCIE Gigabit LAN** 10/100/1000 Mb/s
- **Dual VGA Output:** Support **DVI-D** and **D-Sub** ports
- Supports **HDCP function** with DVI-D port
- Supports **Full HD 1080p Blu-ray (BD) / HD-DVD playback**
- **1 x USB/WiFi header**
- Supports **Smart BIOS, ASRock OC Tuner, Intelligent Energy Saver, Extra ESD Protection**
- **Free Bundle: 1 x ASRock XFire Switch Card**

Detail Specification <<<

Platform	- ATX Form Factor: 12.0-in x 9.6-in, 30.5 cm x 24.4 cm - Solid Capacitor for CPU power
CPU	- Support for Socket AM2+ / AM2 processors: AMD Phenom™ FX / Phenom / Athlon 64 FX / Athlon 64 X2 Dual-Core / Athlon X2 Dual-Core / Athlon 64 / Sempron processor - Supports CPU up to 140W - AMD LIVE!™ Ready - Supports AMD's Cool 'n' Quiet Technology - FSB 2600 MHz (5.2 GT/s) - Supports Untied Overclocking Technology - Supports Hyper-Transport 3.0 (HT 3.0) Technology
Chipset	- Northbridge: AMD 780G - Southbridge: AMD SB700
Memory	- Dual Channel DDR2 memory technology - 4 x DDR2 DIMM slots - Supports DDR2 1066/800/667/533 non-ECC, un-buffered memory - Max. capacity of system memory: 8GB
Expansion Slot	- 2 x PCI Express 2.0 x16 slots (green @ x16 mode, blue @ x8 mode) - 1 x PCI Express 2.0 x1 slot - 3 x PCI slots - Supports ATI™ CrossFire™ and Hybrid CrossFireX™
Graphics	- Integrated AMD Radeon HD 3200 graphics - DX10 class iGPU, Pixel Shader 4.0 - Max. shared memory 512MB - Integrated 128MB side port memory for iGPU - Dual VGA Output: support DVI-D and D-Sub ports by independent display controllers - Supports HDCP function with DVI-D port - Supports Full HD 1080p Blu-ray (BD) / HD-DVD playback
Audio	- 7.1 CH Windows® Vista™ Premium Level HD Audio (ALC888 Audio Codec)
LAN	- PCIE x1 Gigabit LAN 10/100/1000 Mb/s - Realtek RTL8111C-VCO-GR - Supports Wake-On-LAN
Rear Panel I/O	ASRock I/O Panel - 1 x PS/2 Mouse Port - 1 x PS/2 Keyboard Port - 1 x VGA/D-Sub Port - 1 x VGA/DVI-D Port - 6 x Ready-to-Use USB 2.0 Ports - 1 x eSATAII Port - 1 x RJ-45 LAN Port with LED (ACT/LINK LED and SPEED LED) - 1 x IEEE 1394 Port - HD Audio Jack: Side Speaker / Rear Speaker / Central / Bass / Line in / Front Speaker / Microphone
Connector	- 6 x Serial ATAII 3.0 Gb/s connectors, support RAID (RAID 0, RAID 1, RAID 10, and JBOD), NCQ, AHCI and "Hot Plug" functions - 1 x eSATAII 3.0 Gb/s connector (shared with 1 SATAII port) - 1 x ATA133 IDE connector (supports 2 x IDE devices) - 1 x Floppy connector - 1 x IR header - 1 x COM port header - 1 x HDMI SPDIF header - 1 x IEEE T394 header - CPU/Chassis FAN connector - 24 pin ATX power connector - 8 pin 12V power connector - SLI/XFire power connector - CD in header - Front panel audio connector - 2 x USB 2.0 headers (support 4 USB 2.0 ports) - 1 x USB/WiFi header
BIOS Feature	- 8Mb AMI BIOS - AMI Legal BIOS - Supports "Plug and Play" - ACPI 1.1 Compliance Wake Up Events - Supports jumperfree - SMBIOS 2.3.1 Support - CPU, DRAM, NB Voltage Multi-adjustment - Supports Smart BIOS
Support CD	- Drivers, Utilities, AntiVirus Software (Trial Version)
Unique Feature	- ASRock OC Tuner - Intelligent Energy Saver - Hybrid Booster: <ul style="list-style-type: none">- CPU Frequency Stepless Control- ASRock U-COP- Boot Failure Guard (B.F.G.)- ASRock AM2 Boost: ASRock Patented Technology to boost memory performance up to 12.5%
Hardware Monitor	- CPU Temperature Sensing - Chassis Temperature Sensing - CPU Fan Tachometer - Chassis Fan Tachometer - CPU Quiet Fan - Voltage Monitoring: +12V, +5V, +3.3V, Vcore
OS	- Microsoft® Windows® XP / XP Media Center / XP 64-bit / Vista™ / Vista™ 64-bit compliant
Certifications	- FCC, CE, WHQL
Accessories	- 1 x ASRock SLI/XFire Switch Card - Quick Installation Guide, Support CD, I/O Shield - Floppy/ATA 133 cables - 2 x SATA data cables (optional) - 1 x SATA 1 to 1 power cable (optional)

The specification is subject to change without notice. The brand and product names are trademarks of their respective companies. Any configuration other than original product specification is not guaranteed.